

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| S33   | 4    | 237/2A.ccls. and<br>@pd>="20090621"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/01/21<br>07:51 |
| S34   | 0    | 237/8A.ccls. and<br>@pd>="20090621"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/01/21<br>08:09 |
| S35   | 7    | 237/12.3B.ccls. and<br>@pd>="20090621"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/01/21<br>08:09 |
| S36   | 2    | 165/244.ccls. and<br>@pd>="20090621"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/01/21<br>08:09 |
| S37   | 1304 | (vehicle or car or automobile<br>or automotive) and (coolant<br>or (cooling near2 water))<br>and heat\$3 and (core or coil<br>or exchang\$3) and (auxiliary<br>with pump) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/01/21<br>08:15 |
| S38   | 292  | S37 and ((core or coil or<br>exchang\$3) with (auxiliary<br>with pump))   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/01/21<br>08:16 |
| S39   | 183  | S38 and @ad<="20040311"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/01/21<br>08:18 |

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| S40 | 92   | S39 and (auxiliary near2 pump)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/21<br>08:19 |
| S41 | 18   | ("2266216"   "2574929"  <br>"3626148"   "3853270"  <br>"3943325"   "3969605"  <br>"4208570"   "4454984"  <br>"4532894"   "5012070"  <br>"5291960"   "5333679"  <br>"5407130"   "5408960").PN.<br>OR ("6010076").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/01/21<br>08:25 |
| S42 | 46   | (vehicle or car or automobile<br>or automotive) and (coolant<br>or (cooling near2 water))<br>and heat\$3 and ((core or<br>coil or exchang\$3) with<br>pump with increas\$3 with<br>flow with rate)                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/21<br>08:34 |
| S43 | 1    | 237/2A.ccls. and<br>@pd>="20100121"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/30<br>10:02 |
| S44 | 0    | 237/8A.ccls. and<br>@pd>="20100121"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/30<br>10:02 |
| S45 | 1    | 237/12.3B.ccls. and<br>@pd>="20100121"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/30<br>10:03 |
| S46 | 0    | 165/244.ccls. and<br>@pd>="20100121"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/30<br>10:03 |
| S47 | 1315 | 237/5.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/30<br>10:05 |

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|-----|------|---|---|----|----|---------------------|
| S48 | 1006 | 237/12.3R.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/30<br>10:05 |
| S49 | 1030 | 165/202.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/30<br>10:05 |
| S50 | 69   | ("4274265"   "4412647"  <br>"4432213"   "4538760"  <br>"4702306"   "4739923"  <br>"4763564"   "4842046"  <br>"4875623"   "4899930"  <br>"4949779"   "4974664"  <br>"5022234"   "5054378"  <br>"5085267"   "5116280"  <br>"5127576"   "5184773"  <br>"5226595"   "5273105"  <br>"5293928"   "5311746"  <br>"5335708"   "5566881"  <br>"5662162"   "5715997"  <br>"5730089"   "5803166"  <br>"5894737"   "5957377"  <br>"5975421"   "6109534"  <br>"6131652").PN. OR<br>("2156317"   "5226595"  <br>"5392845"   "5779141"  <br>"6131652"   "6360958").<br>URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/01/30<br>11:11 |
| S51 | 53   | ("2059687"   "2520650"  <br>"2560306"   "2641107"  <br>"3999598"   "4058255"  <br>"4176823"   "4181288"  <br>"4475485"   "4955431"  <br>"4974664"   "5085267"  <br>"5269660"   "5271361"  <br>"5458185"   "5736823").PN.<br>OR ("2004/0164171"  <br>"4930455"   "6269872").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/01/30<br>11:11 |
| S52 | 33   | ("2440369"   "4258676"  <br>"4405029"   "4424775"  <br>"4761967"   "5054540"  <br>"5277038"   "5355688"  <br>"5381671"   "5483807"  <br>"5778683").PN. OR<br>("4532894"   "6112543").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2010/01/30<br>11:11 |

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| S53 | 27   | Eisenhour-Ronald-S\$.in.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/30<br>11:18 |
| S54 | 1895 | automatic\$4 and (determin\$3 or comput\$3 or calculat\$3) and temperature and difference and (coolant or (cool\$3 near2 water)) and flow and (rate or speed or velocity) and (air or airflow) and (exit\$3 or discharg\$3 or suppl\$3) and heat\$3 and (core or exchang\$3) and (auxiliary or supplemental) and pump and (activat\$3 or start\$3) and (increas\$3 or rais\$3) and (higher or greater or larger or exceed\$3) and (deactivat\$ or off) and (less or lower) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/30<br>11:25 |
| S55 | 381  | S54 and ("237".clas. or "236".clas. or "165".clas. or "123".clas. or "62".clas. or "454".clas.)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/30<br>11:27 |

### EAST Search History (I nterference)

| Ref # | Hits | Search Query  | DBs                         | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-----------------------------|------------------|---------|------------------|
| S56   | 0    | (automatic\$4 same (determin\$3 or comput\$3 or calculat\$3) same temperature same difference same (coolant or (cool\$3 near2 water)) same flow same (rate or speed or velocity) same (air or airflow) same (exit\$3 or discharg\$3 or suppl\$3) same heat\$3 same (core or exchang\$3) same (auxiliary or supplemental) same pump same (activat\$3 or start\$3) same (increas\$3 or rais\$3) same (higher or greater or larger or exceed\$3) same (deactivat\$4 or off) same (less or lower)). | US-PGPUB;<br>USPAT;<br>UPAD | OR               | ON      | 2010/01/30 11:36 |

clm.

**1/ 30/ 2010 3:00:46 PM**

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